openreach

SIN 370 Part G

Issue 1.3
August 2025

Suppliers' Information Note

For The Openreach Network

Protocol Implementation Conformance Statements (PICS) for ISDN 2e and ISDN 30e: Digital Select Services - Connected Line Identification Restriction

TECHNICAL INFORMATION FOR SUPPLIERS & WITHDRAWAL NOTIFICATION

Each SIN is the copyright of British Telecommunications plc. Reproduction of the SIN is permitted only in its entirety, to disseminate information on the Openreach Network within your organisation. You must not edit or amend any SIN or reproduce extracts. You must not remove Openreach trademarks, notices, headings or copyright markings.

This document does not form a part of any contract with Openreach customers or suppliers.

Users of this document should not rely solely on the information in this document but should carry out their own tests to satisfy themselves that terminal equipment will work with the Openreach network.

Openreach reserves the right to amend or replace any or all of the information in this document.

Openreach shall have no liability in contract, tort or otherwise for any loss or damage, howsoever arising from use of, or reliance upon, the information in this document by any person.

Due to technological limitations a very small percentage of customer interfaces may not comply with some of the individual characteristics which may be defined in this document.

Publication of this Suppliers' Information Note does not give or imply any licence to any intellectual property rights belonging to British Telecommunications plc or others. It is your sole responsibility to obtain any licences, permissions or consents which may be necessary if you choose to act on the information supplied in the SIN.

Those BT services marked ® indicates it is a registered trademark of British Telecommunications plc.
Those BT services marked ™ indicates it is a trademark of British Telecommunications plc.

Openreach Confidential

Openreach logo are trademarks of British Telecommunications plc. © British Telecommunications plc 2025.
Openreach Limited, Registered office: 6 Gracechurch Street, London EC3V 0AT.Registered in England and Wales no. 10690039

This SIN is available in Portable Document Format (pdf) from
https://www.openreach.co.uk/orpg/home/helpandsupport/sins/sins.do
Enquiries relating to this document should be directed to: orsinsfa@openreach.co.uk

1. Introduction

This document states the capabilities and options of the DSS1 Layer 3 protocol for Connected Line Identification Restriction (COLR) Digital Select Service on the basic and primary rate access interface which has been implemented in the ISDN 2e and ISDN 30e network respectively.

The ETSI protocol specification used as a basis for this PICS proforma is ETS 300 098-1 [1].

The ETSI PICS proforma used as a basis for this PICS is ETS 300 098-2 [2].

Openreach will withdraw BT ISDN 2e and ISDN 30e Digital Select Services by end of January 2027 in line with the closure of the BT UK PSTN.

2. References

1	ETS 300 098-1 (1992)	Integrated Services Digital Network (ISDN); Connected Line Identification Restriction (COLR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification
2	ETS 300 098-2 (1995)	Integrated Services Digital Network (ISDN); Connected Line Identification Restriction (COLR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification
3	ETS 300 102-1	Integrated Services Digital Network (ISDN); User-network interface layer 3; Specifications for basic call control

For further information or copies of referenced sources, please see document sources at https://www.openreach.co.uk/orpg/home/helpandsupport/sins/sins.do

3. Protocol Implementation Conformance Statement (PICS)

Using the relevant standard (see ref. 2), the PICS is given below. The section and table numbering as used in the ETSI standard has been maintained. Only those parts of the standard relevant to the network implementation are given. For guideance on the abbreviations and meaning of the completed PICS tables, see SIN 370, Part A.

Unless stated otherwise, the standard referred to in the **reference** column is the ETS given in reference 1. For glossary of terms used, see the referenced standards [1, 2].

A.4 Identification of the protocol

This PICS proforma applies to the following standard:

ETS 300 098-1 (1992): "Integrated Services Digital Network (ISDN); Connected Line Identification Restriction (COLR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

NOTE: ETS 300 098-1 (1992) was initially published as ETS 300 098 (1992).

A.5 Global statement of conformance

The implementation described in this PICS meets all the mandatory requirements of the referenced standard?

[✓] **Yes**

[ ] **No**

NOTE: Answering "No" to this question indicates non-conformance to the protocol specification. Non-supported mandatory capabilities are to be identified in the PICS, with an explanation of why the implementation is non-conforming. Explanations may be entered in the comments field at the bottom of each table or on attached pages.

In the tabulations which follow, all references are to ETS 300 098-1 [1] unless another numbered reference is explicitly indicated.

A.6 Roles

Table A.1: Type of implementation

Item	Major role: Does the implementation...	Conditions for status	Status	Reference	Support
	Type of implementation				
R 1	not used				
R 2.1	support user requirements?		O.1	9	[ ]Yes [✓]No
R 2.2	support network requirements?		O.1	9	[✓]Yes [ ]No
R 3	not used (note)				
R 4.1	support user requirements at the interface of the served user?	R 2.1 NOT R 2.1	M N/A	9.2	[ ]Yes [ ]No [✓]N/A
R 4.2	support user requirements at the interface of the calling user?		N/A		N/A
R 4.3	support network requirements at the interface of the served user?	R 2.2 NOT R 2.2	M N/A	9.3	[✓]Yes [ ]No [ ]N/A
R 4.4	support network requirements at the interface of the calling user?		N/A		N/A
O.1	Support of one and only one of these options is required.				
NOTE:	ETS 300 098-1 [1] provides identical requirements for the T reference point and for the coincident S and T reference point. Therefore, this PICS proforma makes no distinction between the different reference points.				
Comments:					

A.7 User

The tables provided in this clause need only to be completed for user implementations, where item R 2.1 in table 1 is supported.

A.8 Network

The tables provided in this clause need only to be completed for network implementations, where item R 2.2 in table 1 is supported.

A.8.1 Major capabilities

Table A.4: Major capabilities - network

Item	Major capability: does the implementation support...	Conditions for status	Status	Reference	Support
MC 3	**Originating network side**				
	no requirements				
MC 4	**Destination network side**				
MC 4.1	the provision of COLR on a temporary mode (per-call) basis?		M	9.3.1	[✓]Yes [ ]No
MC 4.2	the provision of COLR on a temporary mode basis, default value presentation restricted?		O.3	9.3.1	[✓]Yes [ ]No
MC 4.3	the provision of COLR on a temporary mode basis, default value presentation not restricted?		O.3	9.3.1	[✓]Yes [ ]No
MC 4.4	the provision of COLR on a permanent mode basis?		O	9.3.1	[✓]Yes [ ]No
O.3	Support of at least one of these options is required.				
Comments:					

A.8.2 Subsidiary capabilities

No items requiring response.

A.8.3 Protocol data units

No items requiring response.

A.8.4 Protocol data unit parameters

Table A.5: CONNECT PDU parameters received by the network at the interface of the served user

Item	CONNECT PDU parameters and values: Does the implementation support...	Conditions for status	Status	Reference	Support
P 2	the Connected number information element?		M	[1] 7.1	[✓]Yes [ ]No
NOTE:	These parameters are additional to those required for support of basic call (ETS 300 102-1 [3]).				
Comments:					

A.8.5 Timers

No items requiring response.

A.8.6 Call states

No items requiring response.

4. History

Issue 1	Date	First Issue
Issue 1.1	June 2014	Change SINet site references from http://www.sinet.bt.com to http://www.btplc.com/sinet/
Issue 1.2	August 2020	Changes to branding, from BT to Openreach including changes to reflect new Openreach SIN site and Openreach SIN email address.
Issue 1.2	September 2021	Annual Review – no changes required – issue remains unchanged.
Issue 1.2	August 2022	Annual Review – branding and font changes only – issue remains unchanged.
Issue 1.2	August 2023	Annual Review – branding and font changes only – issue remains unchanged.
Issue 1.3	August 2025	Withdrawal notification added to the introduction section.